

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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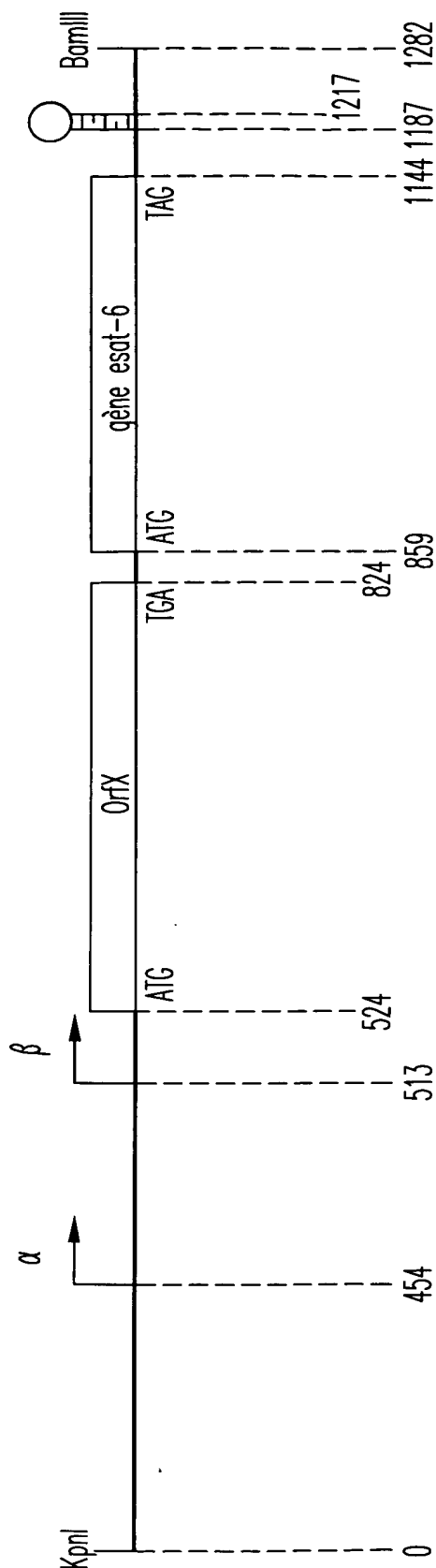


FIG. 1

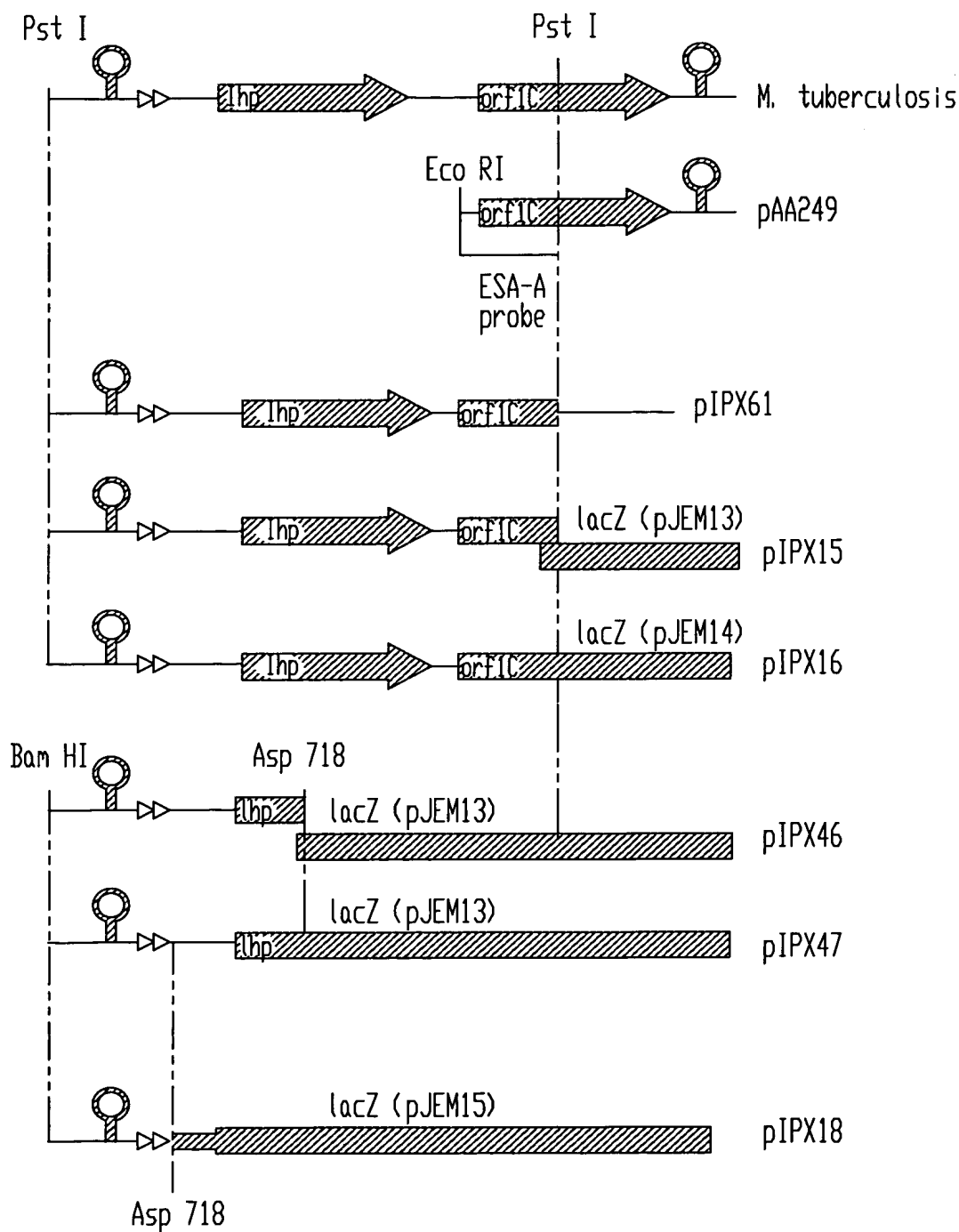


FIG. 2

APPROVED	O.G. FIG.	OBLON ET AL (703) 413-3000
BY	CLASS	SUE DOCKET #0660-000X PCT SHEET 3 of 15
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USSN 09/41330

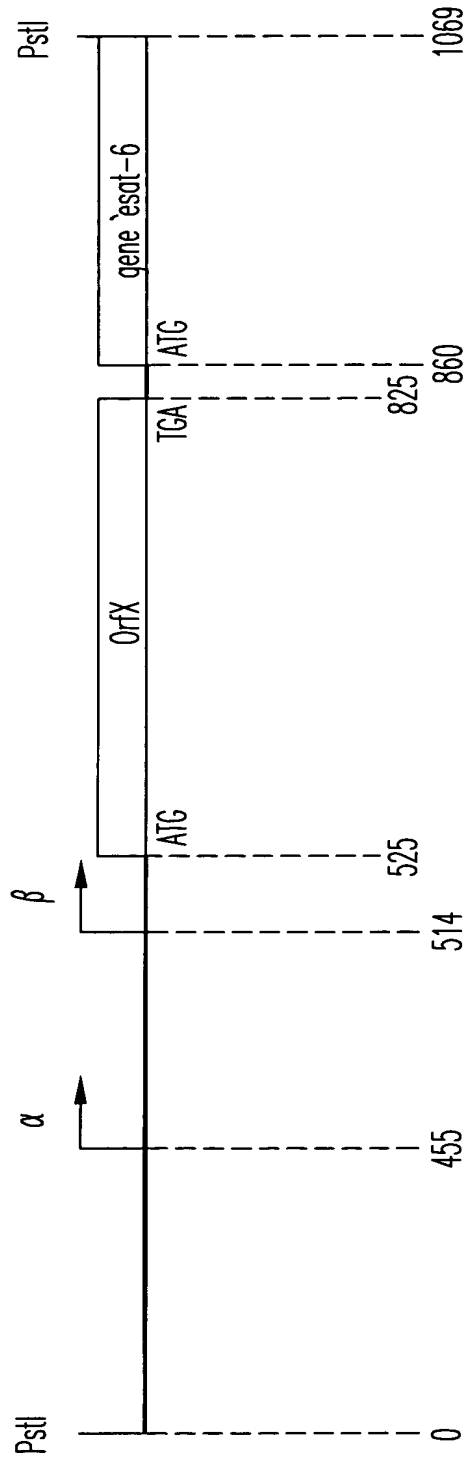


FIG. 3

APPROVED	O. G. FIG.
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10 30 50 70
PstI
CTGCAGCAGGTGACGTCGTTGTTTCAGCCAGGTGGGCGGCACCGGCGGCGGCAACCCAGCCGACGAGGAAGCCGCGCAGAT
90 110 130 150
GGGCCTGCTCGGCACCAGTCCGCTGTCGAACCATCCGCTGGCTGGTGGATCAGGCCCCAGCGCGGGCGCGGGCCTGCTGC
170 190 210 230
GCGCGGAGTCGCTACCTGGCGCAGGTGGGTGCTTGACCCGCACGCCGCTGATGTCTCAGCTGATCGAAAAGCCGGTTGCC
250 270 290 310
CCCTCGGTGATGCCGGCGGCTGTTGCCGGATCGTCGGTGACGGGTGGCGCCGCTCCGGTGGGTCCGGGAGCGATGGGCCA
330 350 370 390
GGGTTCGCAATCCGGCGGCTCCACCAGCCCGGGTCTGGTCGCGCCGGCACCGCTCGCGCAGGAGCGTGAAGAAGACGACG
410 430 450 470
AGGACGACTGGGACGAAGAGGACGACTGGTGAGCTCCCGTAATGACAACAGAC^{+1 Mtb.}TCCCGGCCACCCGGGCCGAAGACTT
490 510 530 550
GCCAACATTTTGGCGAGGAAGGTAAAGAGAGA^{+1 Ms}AGTAGTCCAGCATGGCAGAGATGAAGACCGATGCCGCTACCCTCGGG
570 590 610 630
CAGGAGGCAGGTAATTTTCGAGCGGATCTCCGGCGACCTGAAAACCCAGATCGACCAGGTGGAGTCGACGGCAGGTTTCGTT
Q E A G N F E R I S G D L K T Q I D Q V E S T A G S L
650 670 690 710
GCAGGGCCAGTGGCGCGGCGCGGCGGGGACGGCCGCCAGGCCGCGGTGGTGGCTTCCAAGAAGCAGCCAATAAGCAGA
Q G Q W R G A A G T A A Q A A V V R F Q E A A N K Q K
730 750 770 790
AGCAGGAACCTCGACGAGATCTCGACGAATATTCGTCAGGCCGGCGTCCAATACTCGAGGGCCGACGAGGAGCAGCAGCAG
Q E L D E I S T N I R Q A G V Q Y S R A D E E Q Q Q
810 830 850
esat-6
GCGCTGTCTCGCAAATGGGCTTCTGACCCGCTAATACGAAAAGAAACGGAGCAAAAACATGACAGAG.
A L S S Q M G F * M T E

FIG. 4A

APPROVED	O.G. FIG.
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Mtb CFP-10 MAEMKTDAA TLGQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTA
 |||| |:|||.||:|:|.||:| :||:|. :|:|. :||:|. | |. |:|. |
 Mlep L45 MAEMITEAAILTQQAQFDQIASGLSQERNFVDSIGQSFQNTWEGQAASA

Mtb CFP-10 AQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGE
 | : |:|. |:| | ..| :|: . |...: ...|...| :|: |:|. | || | .| :|
 Mlep L45 ALGALGRFDEAMQDQIRQLESIVDKLNRSGGNYTKTDDEANQLLSSKMNF

FIG. 4B

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1 2 3 4 5

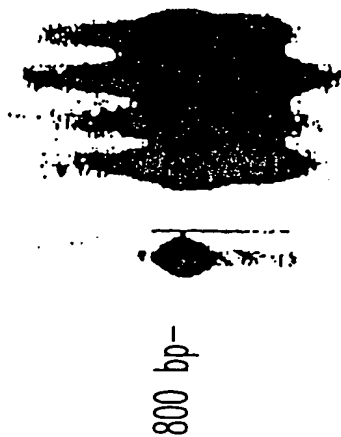
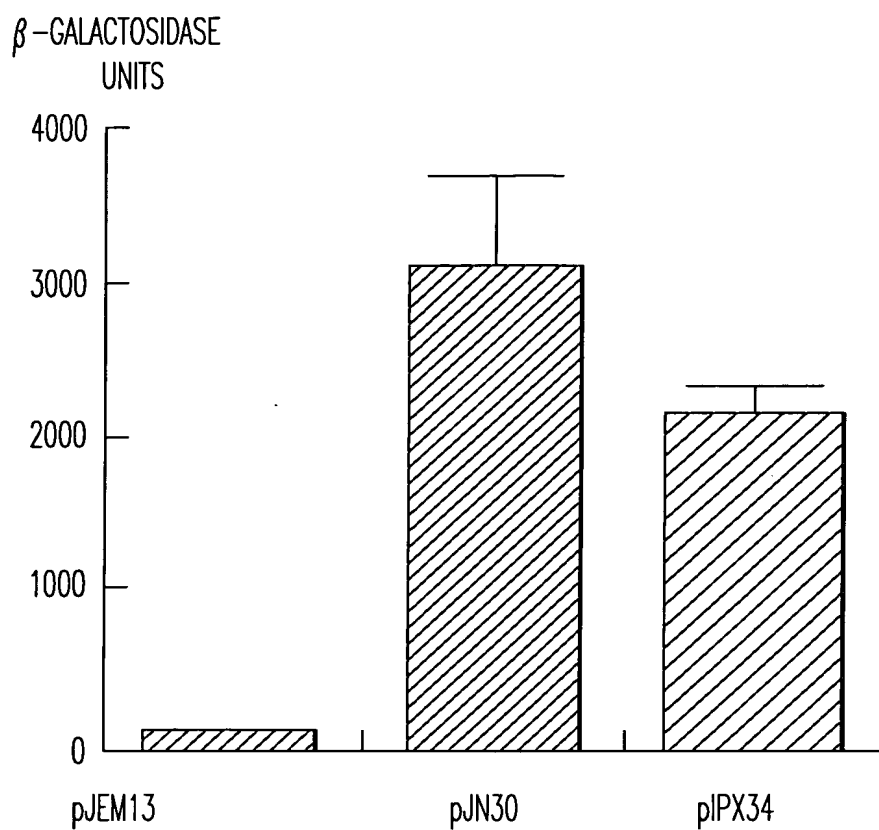


FIG. 6



ESAT-6 transcription terminator

FIG. 7

*FIG. 8*

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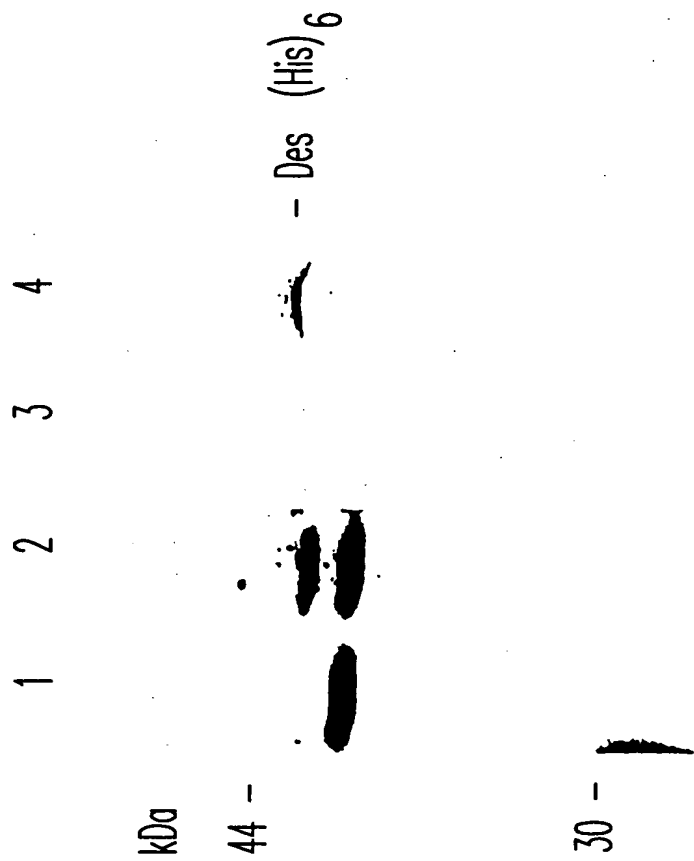


FIG. 9

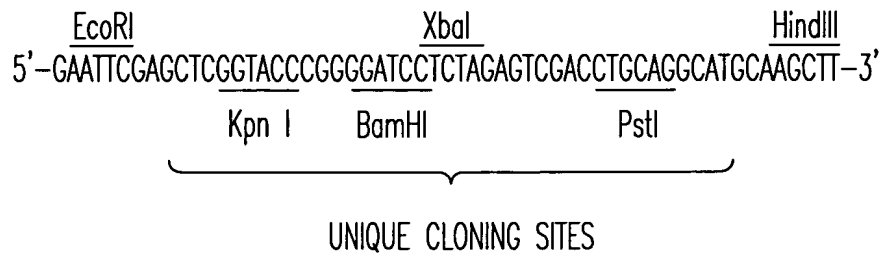
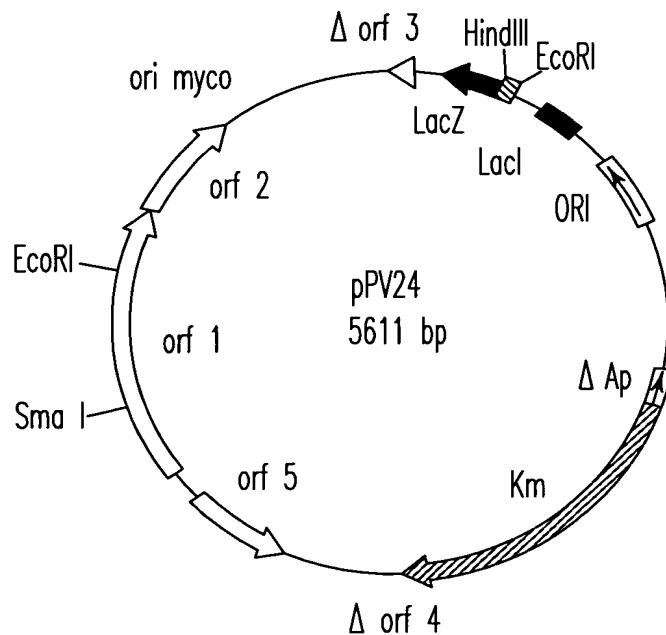


FIG. 10

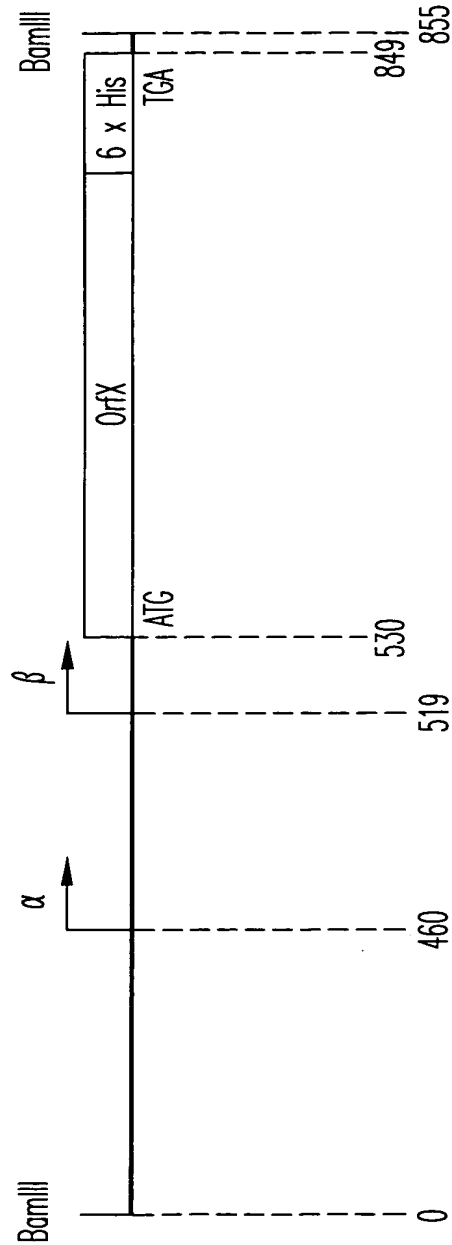


FIG. 11

APPROVED	O.G. FIG	OBLON ET AL (703)
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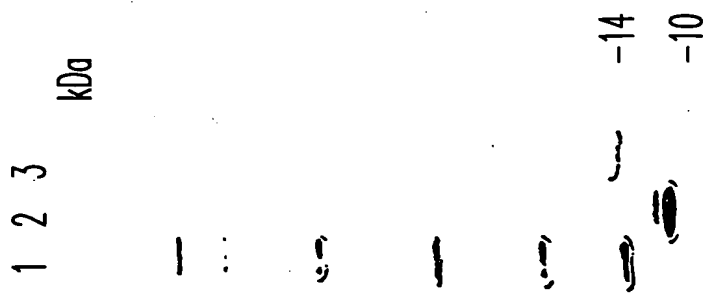


FIG. 12B

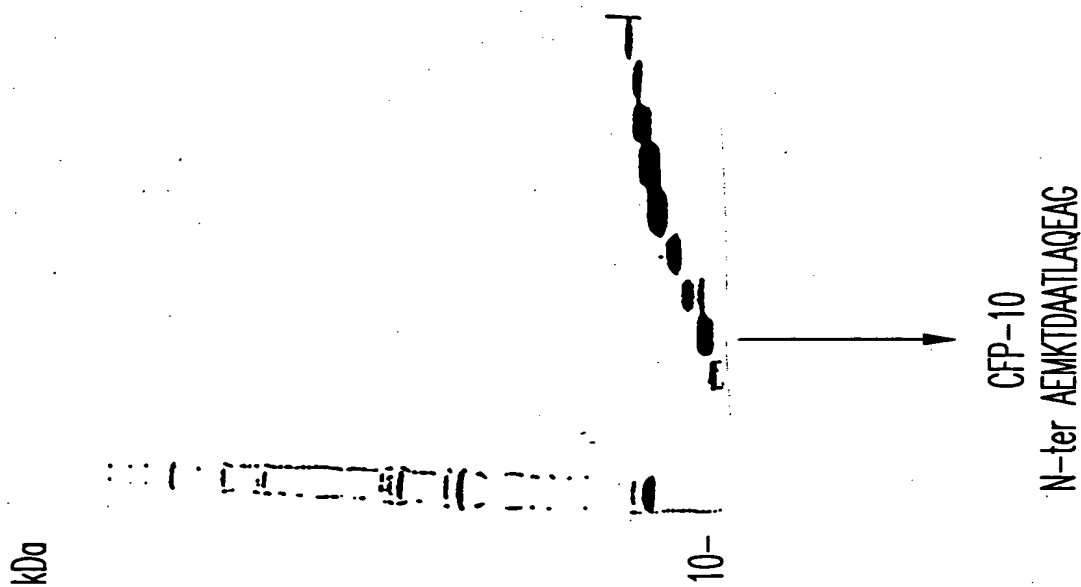


FIG. 12A

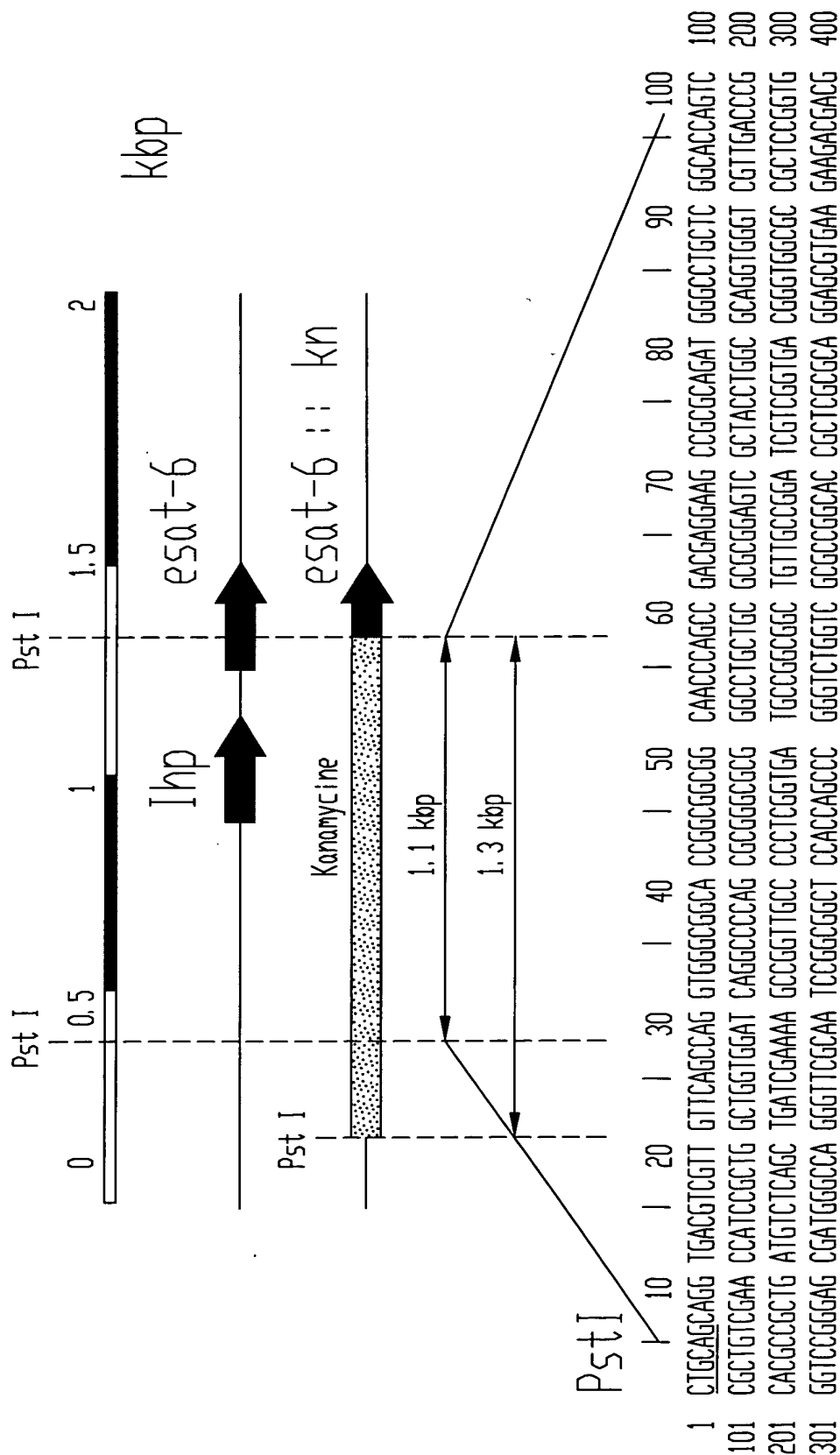


FIG. 13A

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401	AGGACGACTG	GGACGAAGAG	GACGACTGGT	GAGCTCCCGT	AATGACAACA	GACTTCCCGG	CCACCCGGGC	CGGAGACTT	GCCACATTT	TGGCGAGGAA	500
501	GGTAAGAGA	GAAAGTAGTC	CAGCATGGCA	GAGATGAAGA	CCGATGCCGC	TACCCTCGGG	CAGGAGGCAG	GTAATTCGA	GGGATCTCC	GGCGACCTGA	600
601	AAACCCAGAT	CGACCAAGTG	GAGTCAGCGG	CAGGTTTCGT	GCAGGGCCAG	TGGCGGGGGG	CGGCGGGGAC	GGCGGCCAG	GCCGGGGTG	TGGGCTTCCA	700
701	AGAGGAGGCC	AATAAGCAGA	AGCAGGAAT	CGACGAGATC	TCGACGAATA	TTCGTGAGGC	CGGCGTCCAA	TACTCAGGG	CCGACGAGGA	GCAGCAGCAG	800
801	GGCTGTCTCT	CGCAATGGG	CTTCTGACCC	GCTAATACCA	AAAGAAACGG	AGCAAAACA	TCACAGAGCA	GCAGTGGAT	TTCGGGGTA	TCGAGGCCGC	900
901	GGCAAGGCSA	ATCCAGGGAA	ATGTCAGTC	CATTCAATCC	CTCCTTGACG	AGGGGAAGCA	GTCCCTGACC	AAGCTCCAG	CGGCTGGGG	CGGTAGCGGT	1000
1001	TCGAGGGGT	ACCAGGGTGT	CCAGCAAAA	TGGGACGCCA	CGGCTACCSA	GCTGAACAAC	GGGCTGCAG				1069

FIG. 13B PstI